

FIG. 1A

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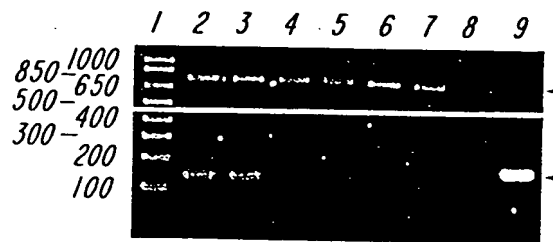


FIG. 1B

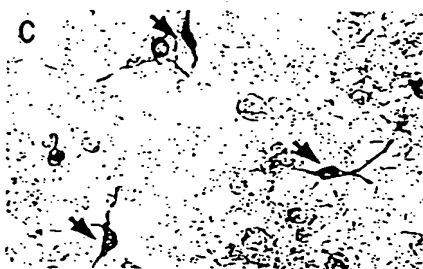


FIG. 1C

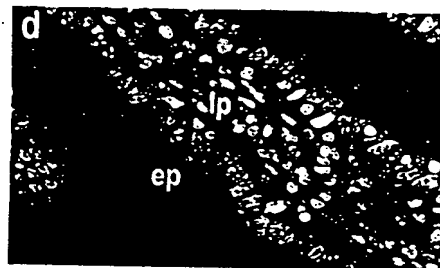


FIG. 1D

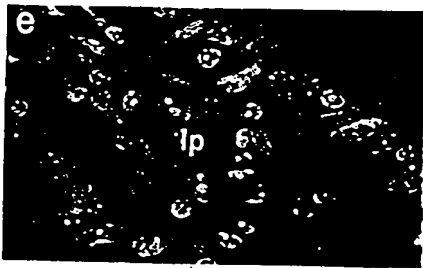


FIG. 1E

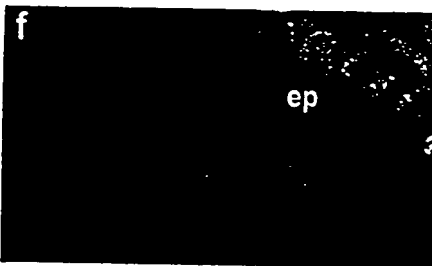


FIG. 1F

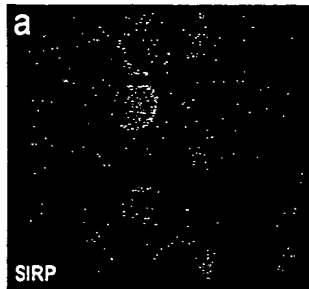


FIG. 1G



FIG. 1H

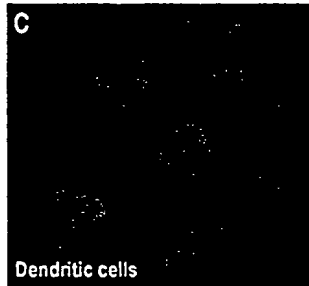
**FIG.
2A**



**FIG.
2B**



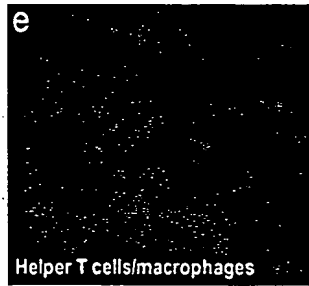
**FIG.
2C**



**FIG.
2D**



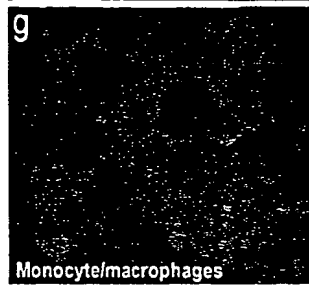
**FIG.
2E**



**FIG.
2F**



**FIG.
2G**



**FIG.
2H**



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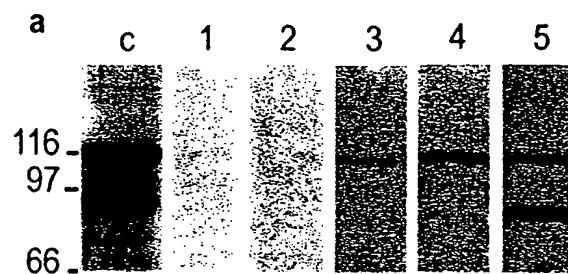


FIG. 3A

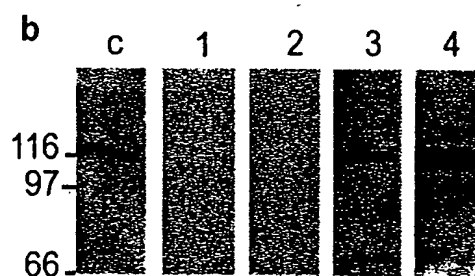


FIG. 3B

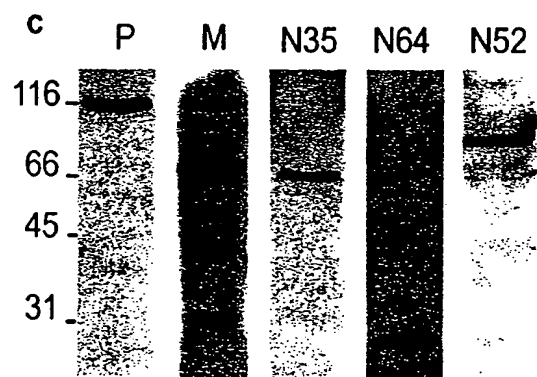


FIG. 3C

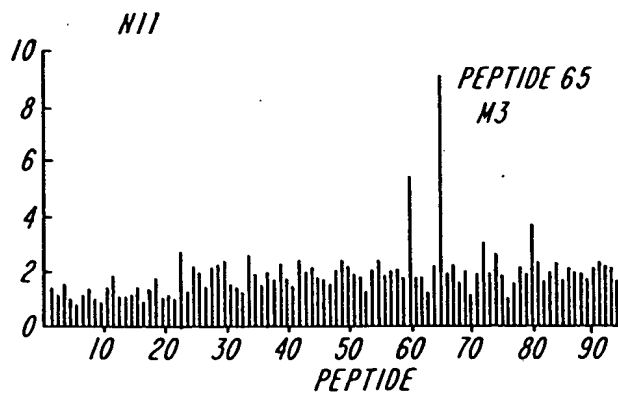


FIG. 3D

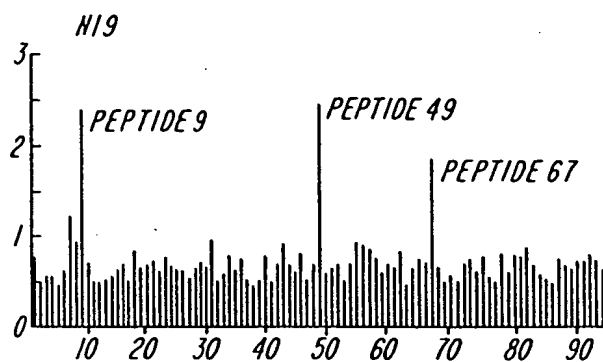


FIG. 3E

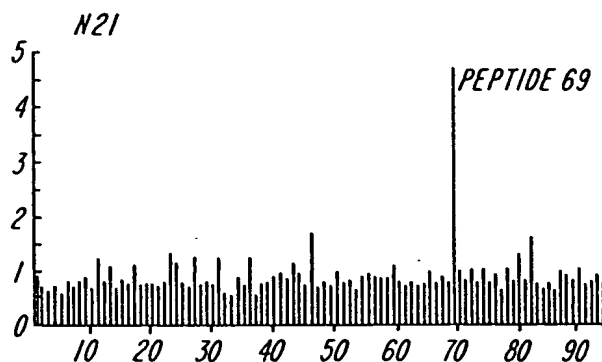


FIG. 3F

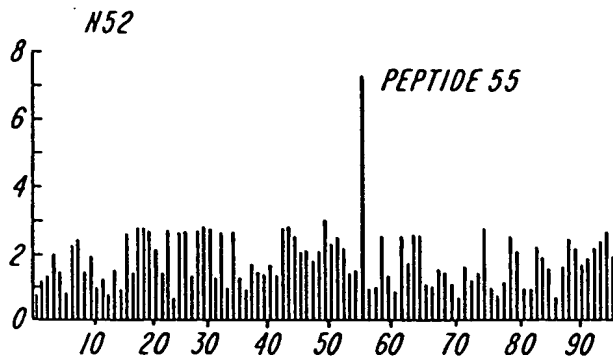


FIG. 3G

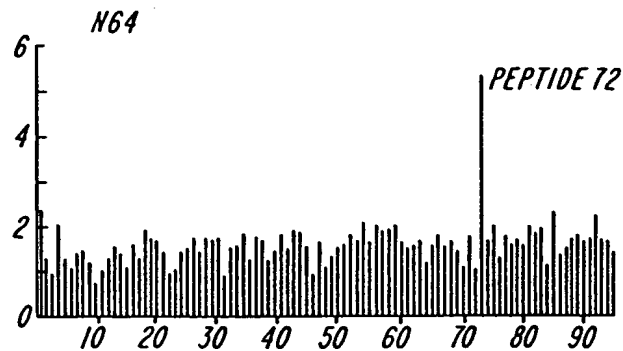


FIG. 3H

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a

AAVlac



AAVNMDARI - no SE



AAVNMDARI-SE, hippocampal injury



AAVNMDARI-SE, no hippocampal injury

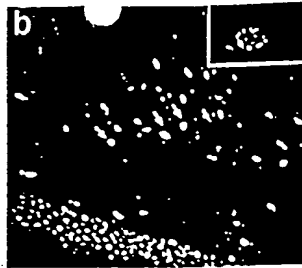


1mV

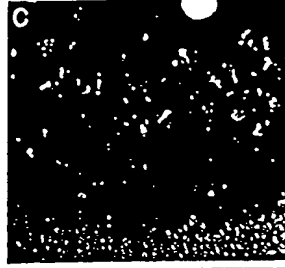
1 min

FIG. 4A

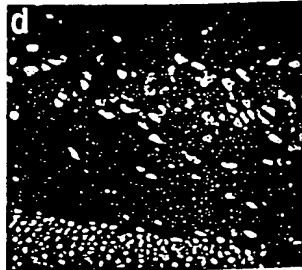
*FIG.
4B*



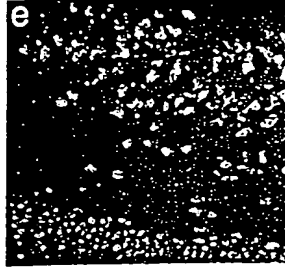
*FIG.
4C*



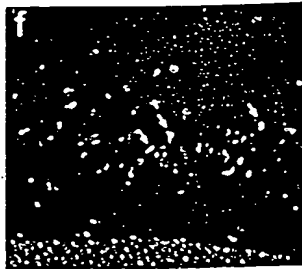
*FIG.
4D*



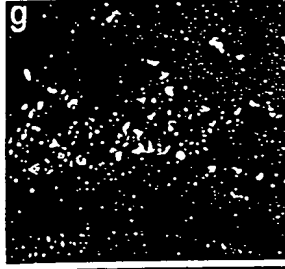
*FIG.
4E*



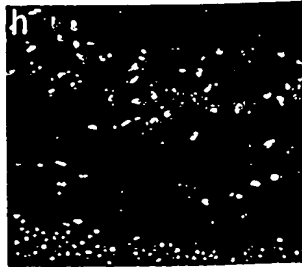
*FIG.
4F*



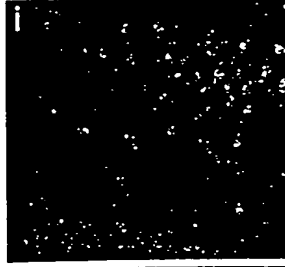
*FIG.
4G*



*FIG.
4H*



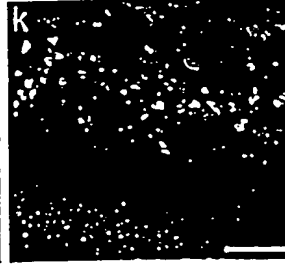
*FIG.
4I*

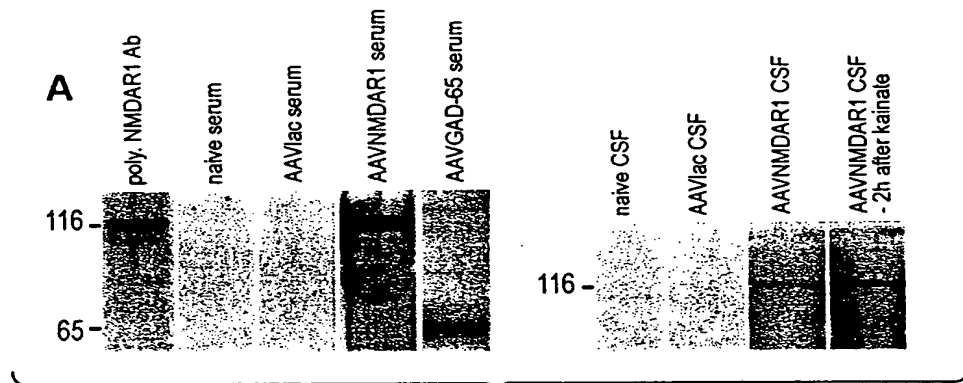
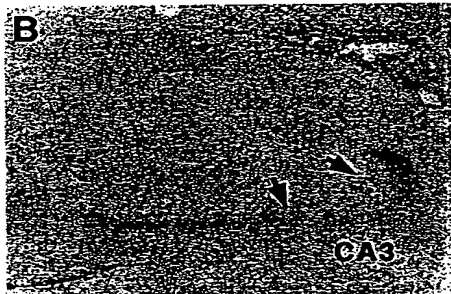
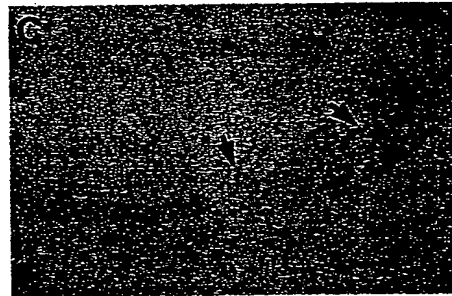
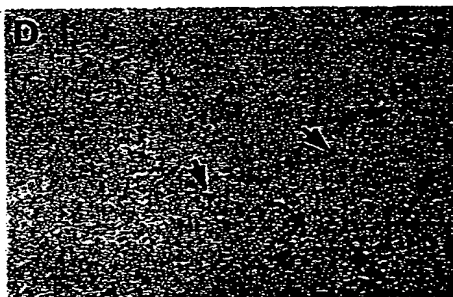
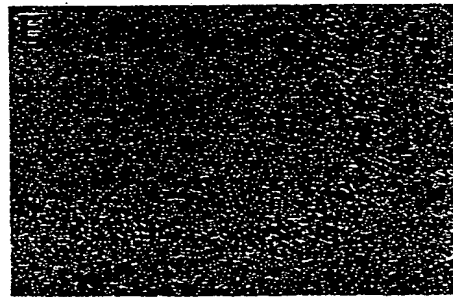


*FIG.
4J*



*FIG.
4K*



*FIG. 5A**FIG. 5B**FIG. 5C**FIG. 5D**FIG. 5E*

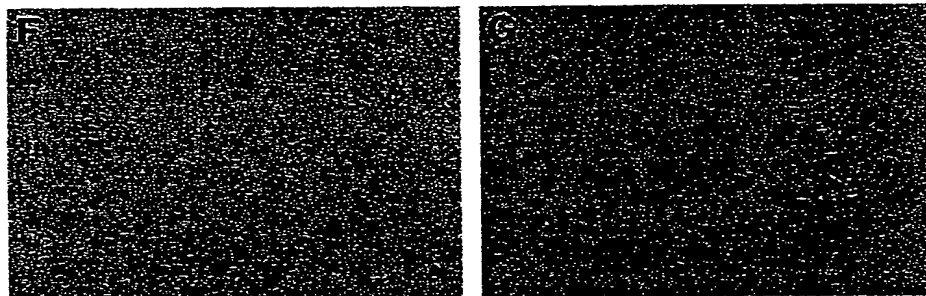


FIG. 5F *FIG. 5G*

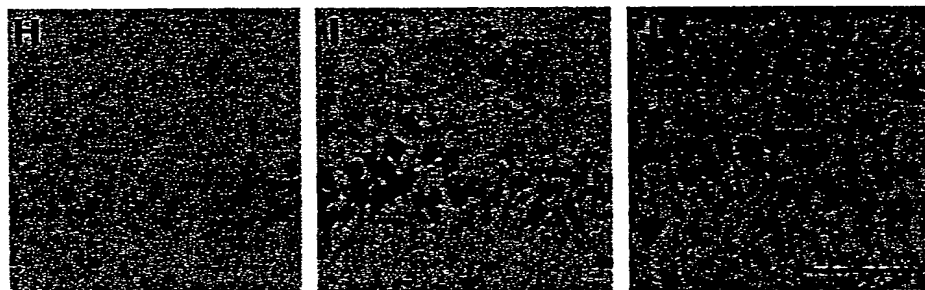


FIG. *FIG.* *FIG.*
5H *5I* *5J*

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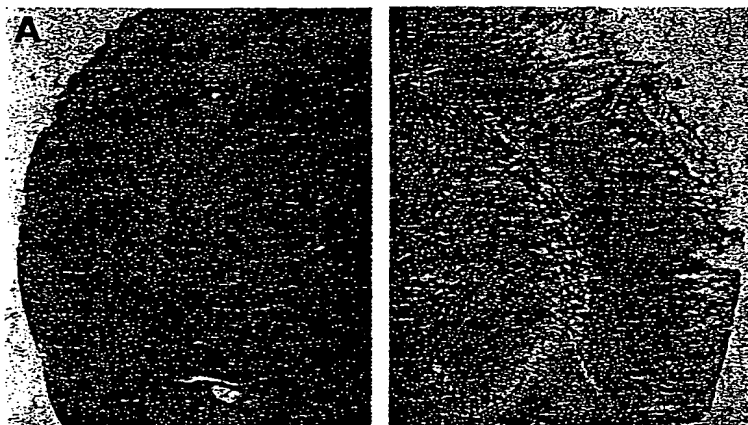


FIG. 6A *FIG. 6B*

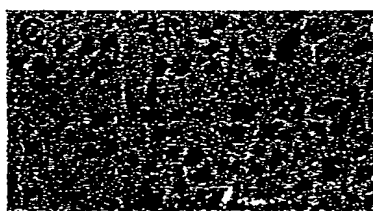


FIG. 6C



FIG. 6D



FIG. 6E *FIG. 6F* *FIG. 6G*

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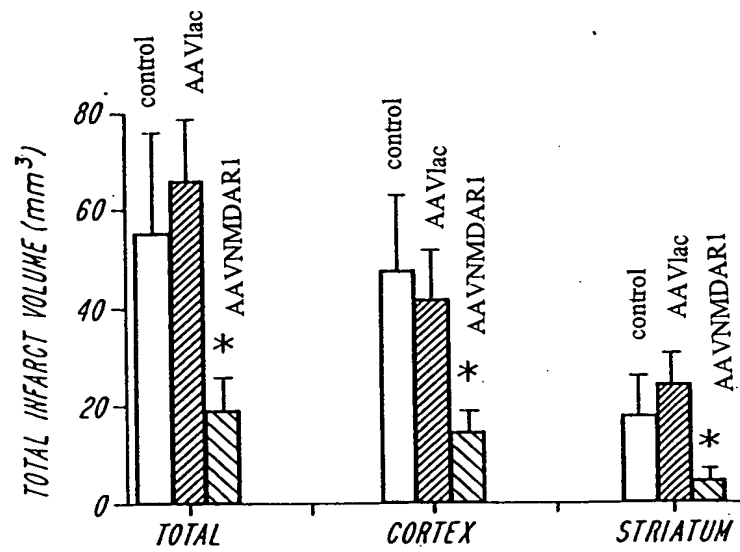


FIG. 6H

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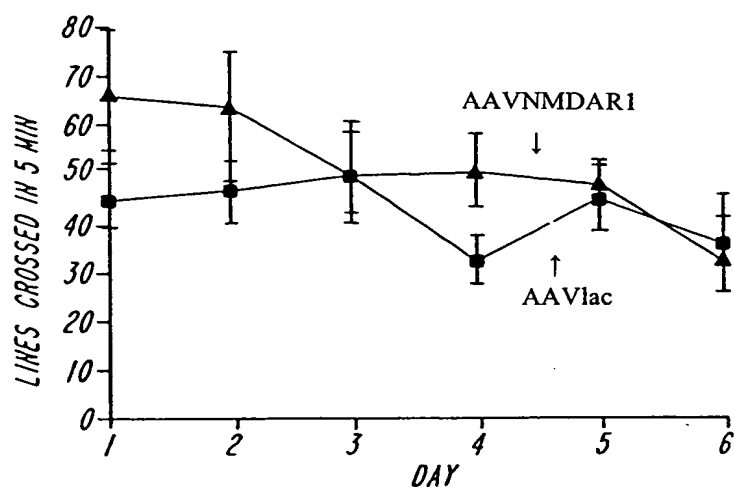


FIG. 7A

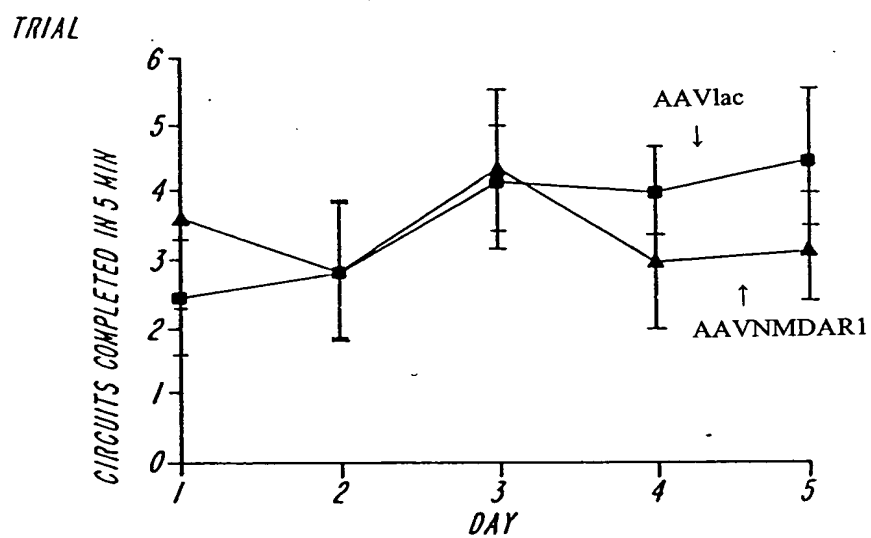


FIG. 7B



FIG.
8A



FIG.
8B

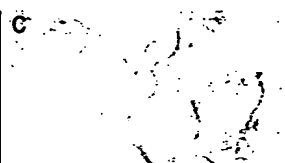


FIG.
8C

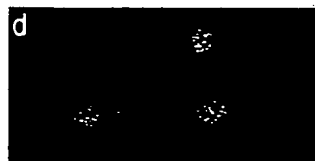


FIG.
8D

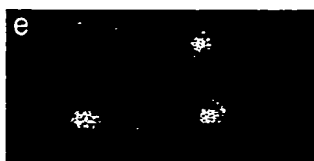


FIG.
8E



FIG.
8F



FIG.
8G



FIG.
8H



FIG.
8I



FIG.
8K



FIG.
8L

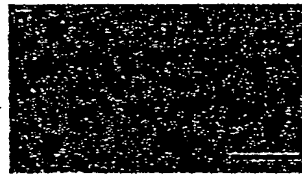
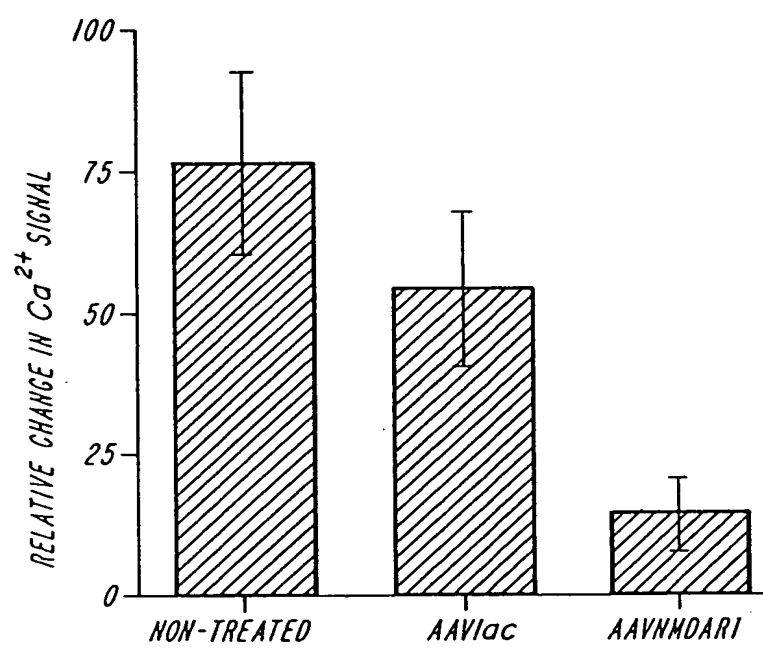


FIG.
8M

*FIG. 8J*

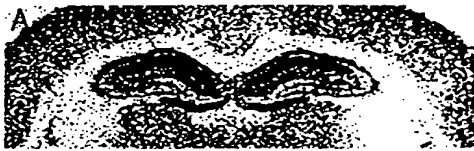


FIG. 9A



FIG. 9B

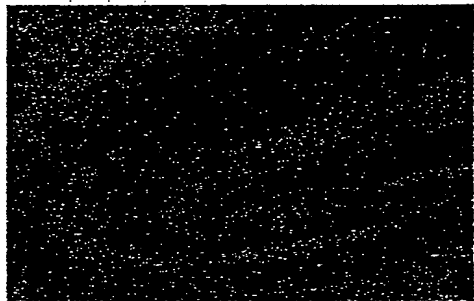


FIG. 9C

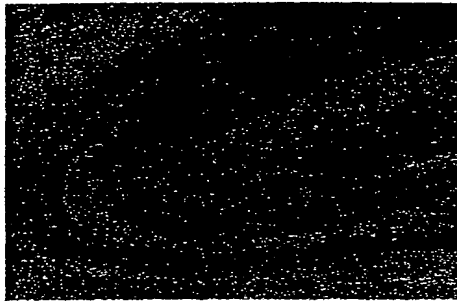


FIG. 9D



FIG. 9E

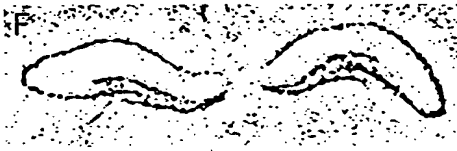


FIG. 9F



FIG. 9G



FIG. 9H



FIG. 9I



FIG. 9J



FIG. 9K



FIG. 9L

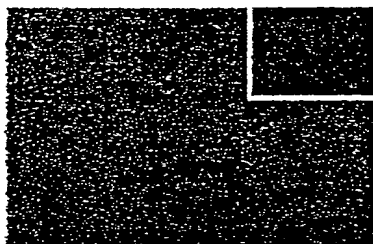


FIG.
10A

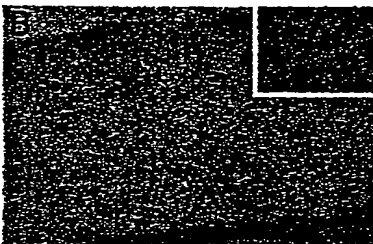


FIG.
10B

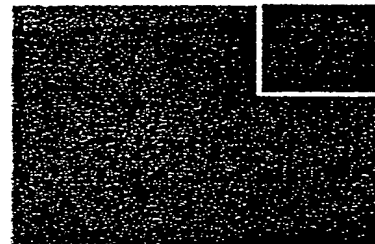


FIG.
10C

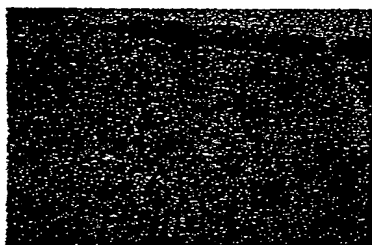


FIG.
10D



FIG.
10E

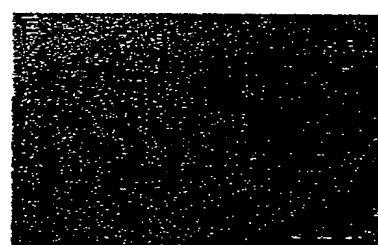


FIG.
10F

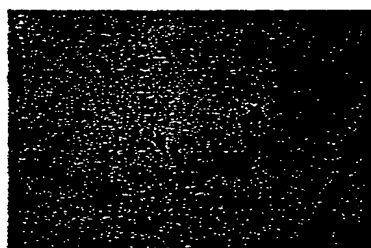


FIG.
10G

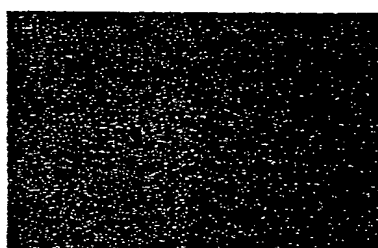


FIG.
10H

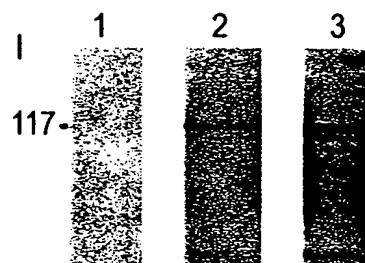


FIG.
10I

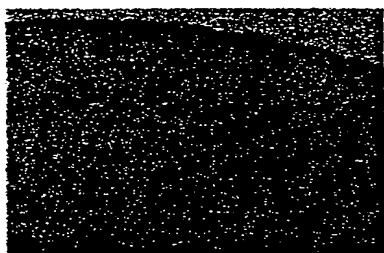


FIG.
11A

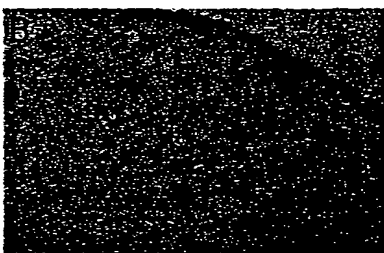


FIG.
11B

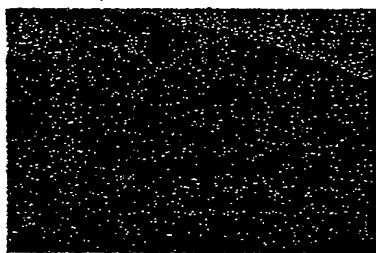


FIG.
11C

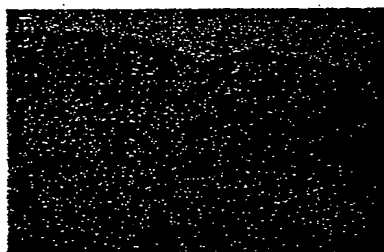


FIG.
11D



FIG.
11E



FIG.
11F

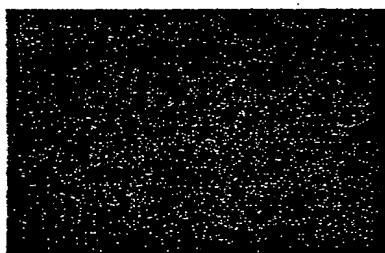


FIG.
11G

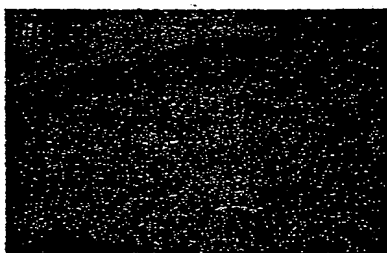


FIG.
11H



FIG.
11I

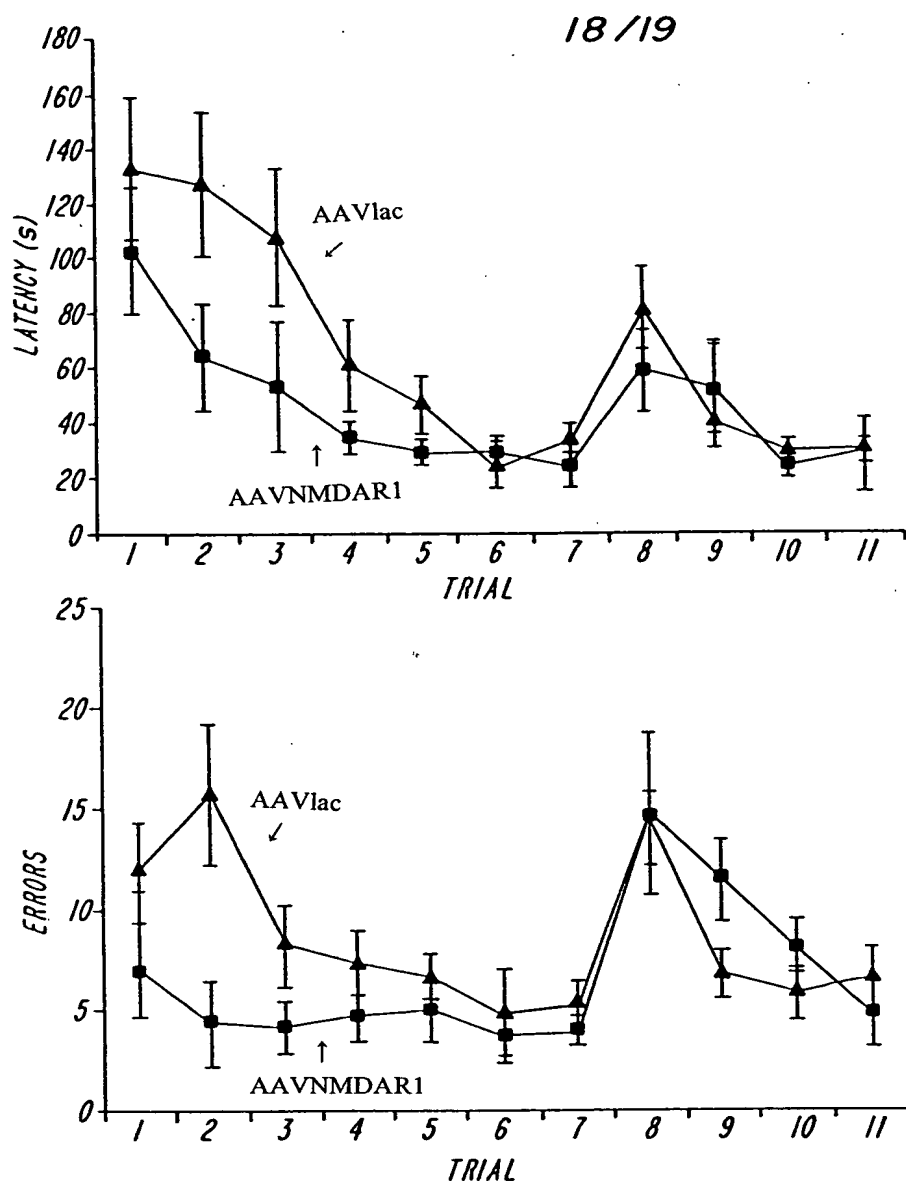


FIG. 12A

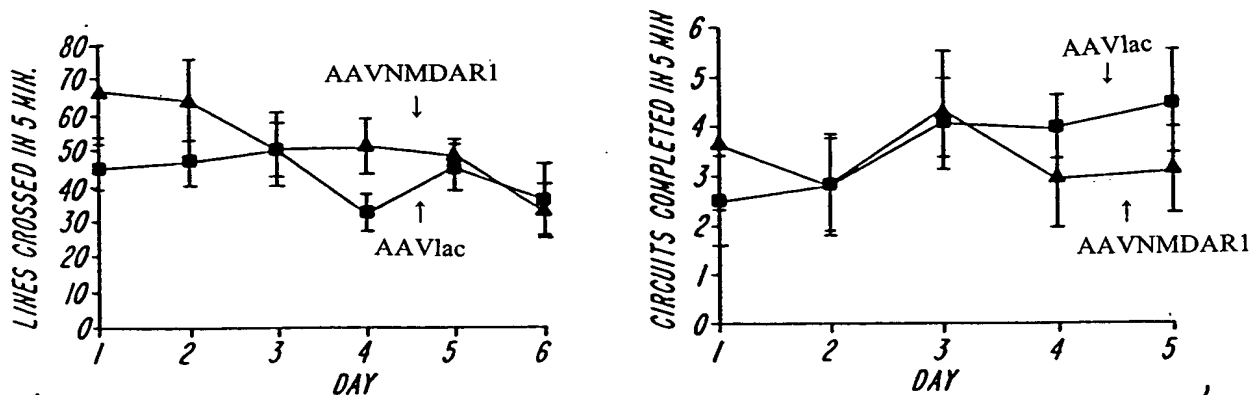


FIG. 12B

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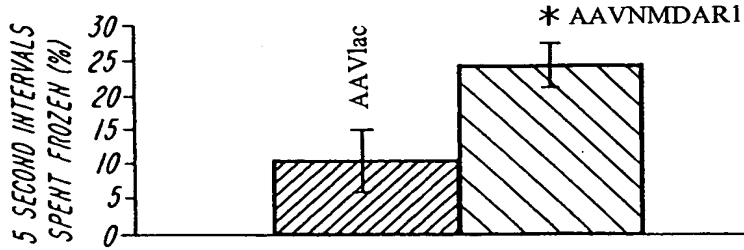


FIG. 12C

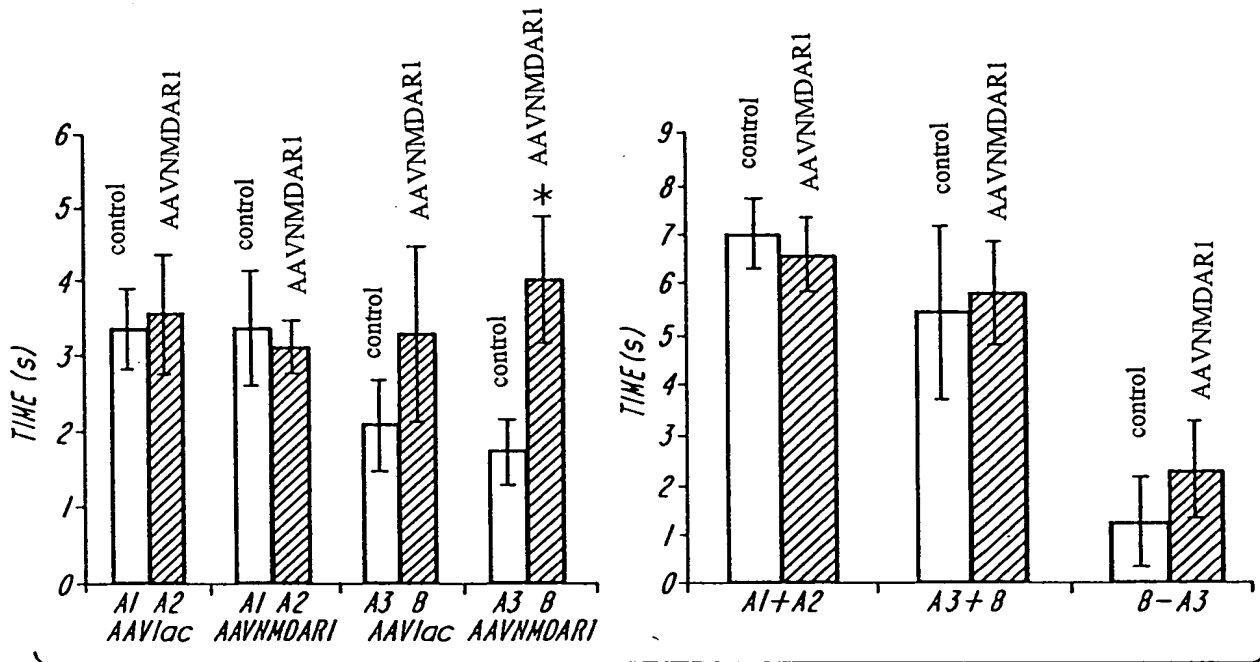


FIG. 12D

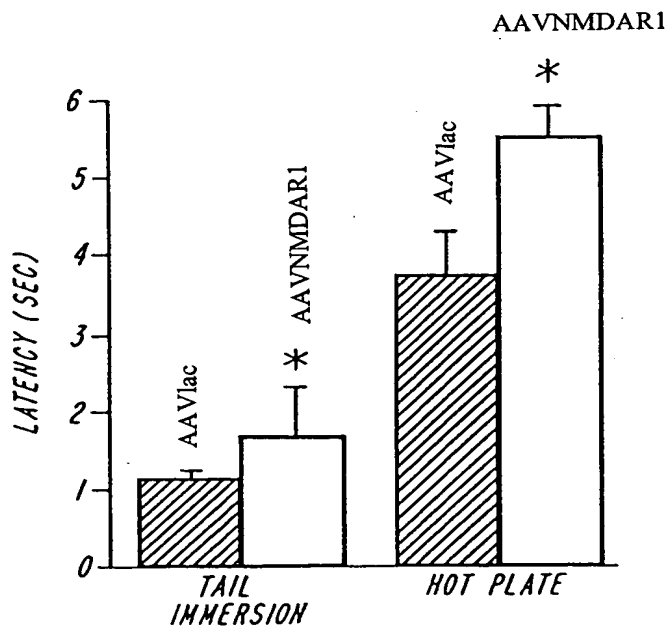


FIG. 13